



EXPLANATION

- Surficial deposits
- Mafic dike
- Diorite
- Includes granodiorite and quartz diorite phases believed to be the same age and genesis as the diorite
- Graywacke and limestone
- Stratigraphic position unknown
- Black Cap limestone
- Db, undifferentiated
- Dbu, upper part
- Dbl, lower part
- ANGULAR UNCONFORMITY(?)
- Rendu formation
- Pyramid Peak limestone
- ANGULAR UNCONFORMITY(?)
- Tidal formation
- Includes intraformational limestone member, St1
- Willoughby limestone
- Sedimentary rocks
- su (Db, St) denotes that rock units indicated in parentheses are present. Question mark after rock symbol indicates doubt as to correct identification

Geological Time Scale:

- QUATERNARY
- JURASSIC (?) OR CRETACEOUS
- AGE UNKNOWN
- DEVONIAN
- Middle Devonian
- Upper Silurian
- SILURIAN
- AGE UNKNOWN

Structural Symbols:

- Contact, showing dip
- Dashed where approximately located or where boundary of surficial deposits is indefinite; queried where inferred; dotted where concealed
- Fault, showing dip
- Dashed where approximately located; queried where inferred or existence is doubtful; dotted where concealed. U, upthrown side; D, downthrown side
- Anticline, showing trace of axial plane and direction of plunge of axis
- Dashed where approximately located; queried where inferred or existence is doubtful
- Overturned anticline, showing direction of plunge
- Syncline, showing trace of axial plane and direction of plunge of axis
- Dashed where approximately located; queried where inferred or existence is doubtful
- Overturned syncline
- Strike and dip of beds
- Strike and dip of overturned beds
- Strike of vertical beds
- Horizontal beds
- Strike and dip of beds
- Estimated from a distance or from aerial or terrestrial photographs
- Strike of vertical beds
- Estimated from a distance or from aerial or terrestrial photographs
- Strike and dip of overturned beds
- Estimated from a distance or from aerial or terrestrial photographs
- Strike and dip of foliation

Base from U. S. Geological Survey M. Fairweather D-1 and D-2 topographic quadrangles, 1948

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GEOLOGIC MAP AND SECTIONS OF PARTS OF MOUNT FAIRWEATHER D-1 AND D-2 QUADRANGLES, ALASKA

